

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Peter LARSSON

Serial No. 10/584,132

Filed: June 23, 2006

For: ADVANCED MULTI-SENSOR PROCESSING



Atty. Ref.: 4147-161

Group: 2617

Examiner: Unknown

\* \* \* \* \*

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO-1449.

- ☐ All listed documents are attached.
- ☒ Copies of U.S. Patent Publications are not required and are not attached.
- ☒ Listed foreign patent publications and other documents are enclosed.
- ☐ The partial translations were provided to the undersigned by the applicants'

foreign representative. The undersigned has no knowledge regarding the pertinency of the partially translated portions vis-à-vis the document as a whole. The partial translations are merely provided for whatever convenience they may be.

☒ The listed documents were cited in the ISR and listed on the PTO/SB/08a filed June 23, 2006. Applicant provides copies of the references cited in the application as well as in the International Search Report.


This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

The Commissioner is authorized to charge the undersigned's deposit account #14-1140 in whatever amount is necessary for entry of these papers and the continued pendency of the captioned application.

Respectfully submitted,  
NIXON & VANDERHYE P.C.

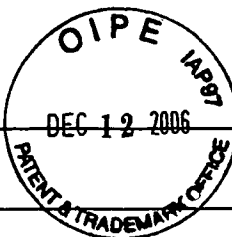
December 12, 2006

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**INFORMATION DISCLOSURE  
CITATION**

ATTY. DOCKET NO.

4147-161

APPLICANT

Peter LARSSON

FILING DATE

June 23, 2006

SERIAL NO.

10/584,132

GROUP

2617

(Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/E.P./	6,320,852	11/2001	Obuchi et al.			
↓	6,445,342	9/2003	Thomas et al.			
↓	6,640,088	10/2003	Thomas et al.			
↓	6,452,981	9/2002	Raleigh et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
✓	02/37872 A2	5-2002	WO			

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

↓	Zhang et al, "Multiuser Detection with Cell Diversity for DS/CDMA Systems", IEEE, vol. 2, 23 September 2000, pp. 670-672
↓	Grant et al, "Inter-cell Interference Cancellation for TD-CDMA Mobile Systems", IEEE vol. 1, 18 September 2000, pp. 720-723
↓	Holtzman, "DS/CDMA Successive Interference Cancellation", Spread Spectrum Techniques and Applications, IEEE ISSSTA '94, IEEE Third International Symposium on Oulu, Finland, 4-6 July 1994, New York, NY 4 July 1994, pp. 69-78
↓	Anton-Haro et al, "Interference Cancellation for Third Generation Mobile Radio Systems", Personal, Indoor and Mobile Radio Communications, 1997, Waves of the Year 2000, PIMRC '97, the 8 <sup>th</sup> IEEE International Symposium on Helsinki, Finland, 1-4 September 1997, New York, NY, vol. 1, 1 September 1997, pp. 32-36
↓	2001, Artech House, XP002316704, pp. 48-51
↓	Chang et al, "Construction of Equivalent Scalar Channels for Orthogonal Space-Time Coding"
↓	Wong et al, "Space-Time Coding", August 19, 2003
↓	Bakker et al, "An Uplink Protocol Implementation in a Virtual Cellular Network",
↓	Mucchi, LMMSE Receivers Performance Under Non-Ideal Conditions", PIMRC 2002
↓	"W-CDMA Mobile Communications System", edited by Keiji Tachikawa, Wiley & Sons, 2002, pp. 56-59, 66-73
↓	Kettunen, "Soft Detection and Decoding in Wideband CDMA Systems", Report 38, March 2003

*Examiner	/Eva Puente/	Date Considered	06/18/2009
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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)